

CLAIMS

- Sub B1
1. A primer composition comprising:
an ester; *i.e. polyester*
methyl ethyl ketone peroxide; and
a sufficient amount of solvent to stabilize the methyl ethyl ketone peroxide.
2. A primer composition as claimed in claim 1 wherein said ester is selected from the group consisting of polyester, vinyl ester, vinyl polyester, and mixtures thereof.
- Sub A3
3. A primer composition as claimed in claim 1 wherein the amount of said ester is between 20% and 40%.
4. A primer composition as claimed in claim 1 wherein the amount of said methyl ethyl ketone peroxide is between 1% and 5%.
5. A primer composition as claimed in claim 1 wherein said solvent is mixed with said methyl ethyl ketone peroxide to form a solution.

6. A primer composition as claimed in claim 1 wherein said solvent is selected from the group consisting of ethyl acetate, methyl acetate, t-butyl acetate, and mixtures thereof.
7. A primer composition as claimed in claim 1 wherein the shelf life of said primer is over 6 months.

A method of stabilizing a methyl ethyl ketone peroxide catalyst for a primer composition comprising the steps:

mixing methyl ethyl ketone peroxide with a sufficient amount of solvent to stabilize the methyl ethyl ketone peroxide prior to adding the mixture to a primer composition.

9. A method of stabilizing a methyl ethyl ketone peroxide catalyst as claimed in claim 8 wherein said solvent is selected from the group consisting of ethyl acetate, methyl acetate, t-butyl acetate, and mixtures thereof.

10. A method of stabilizing a methyl ethyl ketone peroxide catalyst as claimed in claim 8 wherein the amount of methyl ethyl ketone peroxide is between 5% and 20%.

11. A method of stabilizing a methyl ethyl ketone peroxide catalyst as claimed in claim 8 wherein the shelf life of said methyl ethyl ketone peroxide catalyst is over 6 months.

- Sub B3
12. A stabilized methyl ethyl ketone peroxide catalyst comprising:
methyl ethyl ketone peroxide; and
a sufficient amount of a solvent to stabilize the methyl ethyl ketone peroxide.
13. A stabilized methyl ethyl ketone peroxide catalyst as claimed in claim 12 wherein said
solvent is selected from the group consisting of ethyl acetate, methyl acetate, t-butyl
acetate, and mixtures thereof.
- Sub A5
14. A stabilized methyl ethyl ketone peroxide catalyst as claimed in claim 12 wherein the
amount of methyl ethyl ketone peroxide catalyst is between 15% and 40%.
15. A stabilized methyl ethyl ketone peroxide catalyst as claimed in claim 12 wherein the
shelf life of said stabilized methyl ethyl ketone peroxide catalyst is over 6 months.
- Add
C27